

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 December 2004 (02.12.2004)

PCT

(10) International Publication Number
WO 2004/104141 A3

(51) International Patent Classification⁷: **C10L 1/00**
(21) International Application Number:
PCT/KR2004/001079

(22) International Filing Date: 10 May 2004 (10.05.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0029669 10 May 2003 (10.05.2003) KR

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

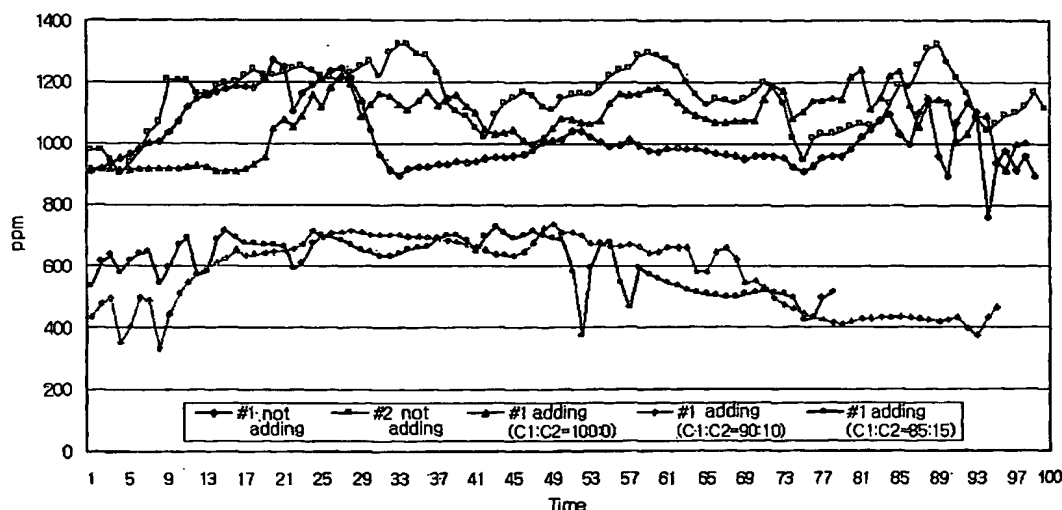
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: COMPOSITON FOR PREVENTING SCALING, EXCLUDING OF SOOT, CLINKER AND SLUDGE, AND CONTROLLING FLAME IN COMBUSTION APPARATUS



(57) Abstract: A fuel additive composition comprising hydrogen peroxide, an amine-based stabilizer, borax, and sodium hydroxide is disclosed. The composition is added to such fuel as coal, oil, and gas to facilitate combustion and remove impurities in a combustion apparatus, thereby improving thermal efficiency, and it reduces discharge of noxious gases such as SO_x, NO_x, and CO.

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(88) Date of publication of the international search report:
17 February 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/001079

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C10L 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 F02B 77/04, C10L 1/00, 1/10, 1/12, 1/14, 1/18, 1/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PAJ, E-SPACENET, E-KIPASS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 2002-75758 A (OH, MI-HYE) 5 OCTOBER 2002 See claims	1-9, 12-20
A	US 4294586 A (CHARLES P. COX, JR.) 13 OCTOBER 1981 See the whole document	1-20
A	JP 08-134475 A (KAO CORP.) 28 MAY 1996 See the whole document	1-20

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search
27 OCTOBER 2004 (27.10.2004)

Date of mailing of the international search report
27 OCTOBER 2004 (27.10.2004)

Name and mailing address of the ISA/KR



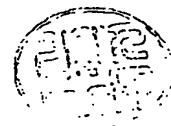
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Facsimile No. 82-42-472-7140

Authorized officer

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Telephone No. 82-42-481-5581



INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR2004/001079

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 2002-75758 A	05.10.02	NONE	
US 4294586 A	13.10.81	NONE	
JP 08-134475 A	28.05.96	NONE	